20040920.ba v03_n707.bam.20040920

>From ???@??? Mon Sep 20 20:40:16 2004 -0500
Message-Id: <200409210140.i8L1dwEN023075@sco.theporch.com>
Date: Mon, 20 Sep 2004 20:39:27 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3707

BOATANCHORS Digest 3707

Topics covered in this issue include:

1) Re: Hallicrafters S-22R rackmount
   by "Hue Miller" <kargo_cult@msn.com>
2) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by "Arden Allen" <gumbear@pacbell.net>
3) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by Bob Roehrig <broehrig@aurora.edu>
4) Re: ART-13 Antenna Connection
   by "Mark J. Blair, NF6X" <nf6x@nf6x.net>
5) MRCA meet
   by "b. smith" <smithab11@comcast.net>
6) TCX xmtr manual help, please
   by "Thekan, Paul" <Paul.Thekan@cpii.com>
7) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by "Tom Rauch" <w8ji@contesting.com>
8) Re: ART-13 Antenna Connection
   by "Arden Allen" <gumbear@pacbell.net>
9) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by Jerry Proc <jerry.proc@sympatico.ca>
10) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by "Don Davis" <dxguy@earthlink.net>
11) Re: ART-13 Antenna Connection
   by Buzz <buzz@softcom.net>
12) Re: ART-13 Antenna Connection
   by Gary Woods <garygarlic@earthlink.net>
13) Re: ART-13 Antenna Connection
   by Dan Arney <hankarn@pacbell.net>
14) RE: TT-1B/TXC-1 Fax Xcvr
   by "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
15) Re: Soure for Telephone Service Entrance Line Protector Elements?
   by Bob Roehrig <broehrig@aurora.edu>
16) Peoria Hamfest report
   by "Rodger Singley" <rbsingl@ilstu.edu>
17) CX announcement
   by "JAMES HANLON" <knjhanlon@msn.com>
18) Jones P-101 Connector

by BigAlTyson@aol.com

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Hallicrafters S-22R rackmount
Date: Sat, 18 Sep 2004 14:56:52 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY5-DAV13IruMJ4ySU0000141b@hotmail.com>

Or, has anyone seen the SX-28 packaged, together with the McLaughlin single
sideband demodulator, in a metal desk? This was named MSR-202, was "secret",
and purchased by the FCC in WW2. (I have the manual, and talked to a WW2
FCC/ FBIS employee - James Barrows, W7BCT, SK). There had to be at least
20 or so built, i would think, and you wouldn't think every single one would have
been taken apart at disposal time.
-Hue Miller

Message-ID: <000201c49ddb$72219a60$afe47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Date: Sat, 18 Sep 2004 16:52:34 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> If you roll your own, they should clamp at at least 150V to be safe, so
> you don't clip the ringing voltage, which is 90V RMS superimposed on top
> of the 48VDC.

Let's see, 90 x 1.414 = 127.26 + 48 = 175.26. Better make that about 200
volts.

Arden Allen
KB6NAX

Date: Sat, 18 Sep 2004 19:21:35 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Message-ID: <Pine.OSF.4.58.0409181920060.164564@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 18 Sep 2004, Arden Allen wrote:

> Let's see, 90 x 1.414 = 127.26 + 48 = 175.26. Better make that about 200 volts.

I was assuming that you would add 1/2 of the peak value of the AC voltage on top of the DC. Maybe I should look at it on a scope.

Bob Roehrig
Aurora University   Telecom dept.
broehrig@aurora.edu   73 de K9EUI
630-844-4898   fax 630-844-4222
"Nostalgia is a thing of the past"

Message-ID: <414D4DD6.2060703@nf6x.net>
Date: Sun, 19 Sep 2004 02:13:58 -0700
From: "Mark J. Blair, NF6X" <nf6x@nf6x.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ART-13 Antenna Connection
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanks for all of the advice I got about hooking up my ART-13 transmitter to my 50 ohm antenna system! I picked up a nice NOS Henry Radio 500 pF 3kV variable cap on eBay, mounted it in an aluminum box with an SO-239 and a couple of ceramic feedthru insulators, and hooked it up to the radio with 10 ga. high-voltage wire, as specified in the tech manual. Here are some temporary pictures, which I'll eventually take down after I write up an ART-13 page for my web site:

    http://www.qsl.net/nf6x/tmp/art-13/

The loading cap and SO-239 adapter box is visible on the left side of the transmitter. I also snapped a picture of the DY-12 dynamotor that's powering the rig, and a shot of the transmitter's innards. The glowing 811's don't show up that well in the flash photo. The cables are home-made. My 28V power source is a pair of Astron LSRM-35M power supplies operating in parallel, with a pair of small car batteries on the output with a 100A diode for isolation, and a heavy-duty keyed battery disconnect switch and 100A time-delay fuse between the batteries and a big terminal block. All of the hookups are made with 4 ga. welding cable, with 175A battery connectors in key places. I also have a 18,000 uF electrolytic hanging off the terminal block (literally!) to quiet down the inverter noise that the solid-state supplies in my T-195B transmitter creates. It's still audible in my headphones, but the cap really cuts it down a lot. It was loud enough before to give me a headache after a long net. I have a similar setup for 12V power, minus the cap, and with a single Astron RS-50M supply. With the batteries supplying startup surge current, the dynamotor spins up just fine.

My first attempts to make the transmitter work weren't entirely successful. I didn't get any grid drive on the HF bands, though I did get some on the LF bands. The top cover is a bit bent up, so it doesn't reliably engage the interlock switch, especially if the right Dzus fasterner is locked. I think the autotune mechanisms will need some work. I didn't get any power out.

Whatever was wrong, pulling the tubes out to test them seems to have fixed the problem! The set now appears to have reasonable grid drive and plate current readings, I get power out, and it seems to be modulating intelligibly. The T/R relay may be a bit spotty; it doesn't always seem to reconnect the receiver properly after transmitting, but I can just use an external coax switch to switch between Tx and Rx until I fix it. I'll use my R-392 as a receiver with it until I get my BC-348 fixed up.

So, it'll need more work to be in top shape, but it seems to be working well enough to try it out on the air!

I'm finding that with the 50 ohm antenna system, I need to set the coarse antenna load setting higher than suggested on the band switch knob to get a plate current dip. Does that sound right? After dipping the plate, I adjusted the external load cap for maximum output power. Is that the right way to do it? I find that I need to set it to max capacitance down on 80m, so maybe it would be beneficial to throw some more capacitance in there. I haven't tried any higher bands yet.

Ok, now I'm going to take another opportunity to ask for parts for this set. I'm looking for the transmitter shockmount, the dynamotor mounting plate, and the dynamotor's rectangular fuse cover. I also need the dynamotor base and filter pack for my BC-348. I have a dynamotor for it, minus the base. I also wouldn't mind a good printed repair manual for the transmitter. I have PDFs of the manuals, but an original printed copy would make debugging easier. I have my trade list on my web page (see below), for anybody interested.

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
Web page: http://www.qsl.net/nf6x/

GnuPG public key available from my web page.

Message-ID: <001501c49e61$bf303380$94f02144@Denroom>
From: "b. smith" <smithab11@comcast.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: MRCA meet
Date: Sun, 19 Sep 2004 12:00:09 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Many thanks to the MRCA staff for organizing another meet. The rain produced many obstacles and it was encouraging to see the precipitation correction-correction- I mean participation. We had an excellent day on Friday, it was hard to decide whether to hang out with the MRCA guys or visit the massive Military Vehicle Flea Market looking for Radio stuff. I personally walked away with a nice portable military table, an RMI for my "flight deck", a half dozen handsets, GRA-4 antennae kit, collins Amplified speaker(75F3) and lots of minor items.

Friday afternoon as we were in convoy going up the very steep roads (paved) to reach the Camelback Mount Crest , I started to notice that the Fog was developing. Drawing on my vast weather training(I got a 71 on the weather final exam in Aviation Cadets) I thought that it was strange that fog was developing as the conditons were really not right . . . but it was then that I realized that it was the bottoms of the overcast cloud deck. . .We were entering the bottoms of the clouds and we convoyed up the mountain.

Concerning the Field Exercise, I would say that it was probably one of the strangest events that I have participated in. Gentlemen, I hate to say this but we are working on the "edge" with that Field Event last Friday. And BTW Dale KW1I gets the prize for bringing the most pieces of equipment to the summit.
I am sure that pictures will be seen on the MRCA site in the near future.

I enjoyed my stay in the "Normal Bates"motel and particularity enjoyed my navigational experience trying to find a bridge that was not closed in my attempt to reach the MRCA site early Saturday morning. I now have a whole new concept of mud slides.

I regret that I was unable to bore everyone with my 20 minutes lecture on Radio Ranges with audio demos etc. But Al says to put it in the can and pull it out next year.
All I can say is , it was the hard core folks that showed up. Ooorah.

73 breck k4che

Message-ID: <7DDAA17E40A9B943A554EF948A390EBD5BF8D4@NEMESIS>
From: "Thekan, Paul" <Paul.Thekan@cpii.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TCX xmtr manual help, please
Date: Sun, 19 Sep 2004 10:19:01 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----_=_NextPart_001_01C49E6C.C1D8607A"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

------_=_NextPart_001_01C49E6C.C1D8607A
Content-Type: text/plain

I have a TCX xmtr that is missing its xtals compartment cover plate. I have what's probably a 4th + generation copy of the manual that shows a picture of this cover plate but the lettering on the plate is unreadable. Does anyone have an original or "good" copy of this manual that would not mind making a copy of just the photo showing the cover plate. It would be much appreciated and of course copy/postage costs would be reimbursed.

It's a 1meg:1 shot but would anyone have the matching RBD receiver and or associated dynamotors used for these sets that they would want to sell or trade.

Thanks

Paul

N6FEG

------_=_NextPart_001_01C49E6C.C1D8607A
Content-Type: text/html

<html>

<head>

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     margin-bottom:.0001pt;
     font-size:12.0pt;
     font-family:"Times New Roman";}
a:link, span.MsoHyperlink
     {color:blue;
     text-decoration:underline;}
a:visited, span.MsoHyperlinkFollowed
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     text-decoration:underline;}
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     color:windowtext;}
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     margin:1.0in 1.25in 1.0in 1.25in;}
div.Section1
     {page:Section1;}
-->
</style>

</head>

<body lang=EN-US link=blue vlink=purple>

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<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>&nbsp; I have a TCX xmtr that is missing its xtals
compartment cover plate. I have what's probably a 4<sup>th </sup>+ generation
copy of the manual that shows a picture of this cover plate but the lettering
on the plate is unreadable. Does anyone have an original or "good"
copy of this manual that would not mind making a copy of just the photo showing
the cover plate. It would be much appreciated and of course copy/postage costs
would be reimbursed.</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>&nbsp;</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
```

```
font-family:Arial'>&nbsp;It's a 1meg:1 shot but would anyone have the
matching RBD receiver and or associated dynamotors used for these sets that
they would want to sell or trade.</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>&nbsp;</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>Thanks</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>Paul</span></font></p>

<p class=MsoNormal><font size=2 face=Arial><span style='font-size:10.0pt;
font-family:Arial'>N6FEG</span></font></p>

</div>

</body>

</html>

------_=_NextPart_001_01C49E6C.C1D8607A--
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Message-ID: <004401c49e84$ef4d2aa0$6401a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Date: Sun, 19 Sep 2004 16:12:05 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

> I was assuming that you would add 1/2 of the peak value of
the AC voltage
> on top of the DC. Maybe I should look at it on a scope.

I didn't think they added the ring AC on top of DC bias to
produce an asymmetrical or dc offset wave, but maybe they
do. I never paid that much attention.

Do they actually do that?

```
Message-ID: <004901c49e89$6908d070$d7e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
```

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ART-13 Antenna Connection
Date: Sun, 19 Sep 2004 13:43:17 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> ....After dipping
> the plate, I adjusted the external load cap for maximum output power. Is
> that the right way to do it? ....

I'm no expert on the ART-13 but that sounds backwords. You usually want to finish by dipping the plate to make sure the final is working at proper efficiency as evidenced by the plate current reading. You load and dip alternately until you get the required power *input*, i.e., the product of plate voltage and plate current. Power *output* is determined by wattmeter measurement because matching network efficiency can vary widely. That's why in the Good Old Days the FCC used to electrocute its field technicians by having them measure transmitter plate voltage and current. Be kind to your finals!

Arden Allen
KB6NAX

Message-ID: <414E11BE.550B43B8@sympatico.ca>
Date: Sun, 19 Sep 2004 19:09:50 -0400
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Tom,

It's been like that ever since I can remember. No need for a scope. The real proof is: put your fingers across the line and arrange to have some call you :-)

Also , when you take the phone off the hook, the line voltage drops from -48 to - 6 volts.

--

Tom Rauch wrote:

> > I was assuming that you would add 1/2 of the peak value of
> the AC voltage
> > on top of the DC. Maybe I should look at it on a scope.
>
> I didn't think they added the ring AC on top of DC bias to
> produce an asymmetrical or dc offset wave, but maybe they
> do. I never paid that much attention.
>
> Do they actually do that?

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
http://webhome.idirect.com/~jproc/ve3fab

Message-ID: <022b01c49eb9$4d3e8da0$c0a5b2d1@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Date: Sun, 19 Sep 2004 19:26:56 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Most electronic surplus stores have these for a buck or two (the whole
protector assy). I've seen large quantities of these at Apache in Phoenix,
Apex in San Fernando Valley, Industrial Liquidaters in Lawndale & San Diego,
Murphy's in El Cajon, etc ect. Good luck..

Don AD6PB

Chris said:

> Just had a nasty t-storm blow through here, remnants of Ivan I suppose.
We had a nearby lightning

Date: Sun, 19 Sep 2004 21:14:14 -0700
From: Buzz <buzz@softcom.net>
Subject: Re: ART-13 Antenna Connection

To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <40msk019rv5vbqdjfnosbabvp11pd7mn8o@4ax.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

I operated a ART-13 in a Navy P2V airplane so to tune the antenna I'd let about 50 ft. of trailing
wire out then key the -13. The antenna current would rise then as soon as it started to drop I'd
stop the trailing wire then back up about a foot.
Worked like a charm.   8-)
Buzz
W7WTF

On Sun, 19 Sep 2004 13:43:17 -0700, you wrote:
>> ....After dipping
>> the plate, I adjusted the external load cap for maximum output power. Is
>> that the right way to do it? ....
>
>I'm no expert on the ART-13 but that sounds backwords. You usually want to
>finish by dipping the plate to make sure the final is working at proper
>efficiency as evidenced by the plate current reading. You load and dip
>alternately until you get the required power *input*, i.e., the product of
>plate voltage and plate current. Power *output* is determined by wattmeter
>measurement because matching network efficiency can vary widely. That's why
>in the Good Old Days the FCC used to electrocute its field technicians by
>having them measure transmitter plate voltage and current. Be kind to your
>finals!
>
>Arden Allen
>KB6NAX

From: Gary Woods <garygarlic@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ART-13 Antenna Connection
Date: Mon, 20 Sep 2004 10:07:27 -0400
Message-ID: <7totk017c5k0dli5anfip5rob6uhggdqhb@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sun, 19 Sep 2004 21:14:14 -0700, you wrote:

>
>I operated a ART-13 in a Navy P2V airplane so to tune the antenna I'd let about
50 ft. of trailing
>wire out then key the -13.

Yeah, but how many times was the trailing wire still out at landing?
(This is NOT hypothetical...)

I only got to run an ART-13 once, on an aircraft we were ferrying back for
overhaul... we had the "modern" ARC-38, with motor-driven frequency
stabilization. A real trip when it unlocked...

Gary Woods AKA K2AHC- PGP key on request, or at home.earthlink.net/~garygarlic
Zone 5/6 in upstate New York, 1420' elevation. NY WO G

Message-ID: <414EF7C2.7000004@pacbell.net>
Date: Mon, 20 Sep 2004 08:31:14 -0700
From: Dan Arney <hankarn@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ART-13 Antenna Connection
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I was hamming on an ART-13 in a Gooney bird C-47, got distracted and
left ant out on landing, the teardrop weight caught up with us on
landing wound up making several dents and one hole in the elevator. I
got called on the carpet on that deal. To top it off a Bird Col, Wing
commander was flying.
Hank
KN6DI

----

content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Subject: RE: TT-1B/TXC-1 Fax Xcvr
Date: Mon, 20 Sep 2004 14:16:29 -0500
Message-ID: <42ECC21B33DFF245BAFAF57274BA5CE5016EC2AB@stpmse04.stp.guidant.com>
From: "Freeberg, Scott (STP)" <Scott.Freeberg@guidant.com>
To: Old Tube Radios <boatanchors@theporch.com>

There wasn't any smoke build up. It was a modest wisp of smoke as it =

burned. There was no serious smoke. Yes there was a smell from the =
burning but it wasn't noticeable either, mainly because the radio room =
had plenty of forced air ventilation to move all the equipment heat out =
of the room. The radio room was full of hot radio's so there always was =
a breeze blowing in there :) I do recall one incident where there =
wasn't enough ventilation to clear the room.... Our leading Radioman =
Petty Officer walked into the radio room at the starboard door, he had =
been drinking beer all the previous evening, he proceeded to 'pass gas =
in a stealth mode" (you all know what I mean) the entire time as he =
walked through the entire radio room and out the back door. We of =
course were on watch and not allowed to leave our stations... The stench =
was discusting and long lived. 73, Scott WA9WFA

Date: Mon, 20 Sep 2004 15:40:53 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Soure for Telephone Service Entrance Line Protector Elements?
Message-ID: <Pine.OSF.4.58.0409201535180.362972@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 19 Sep 2004, Tom Rauch wrote:

> I didn't think they added the ring AC on top of DC bias to
> produce an asymmetrical or dc offset wave, but maybe they
> do. I never paid that much attention.
>
> Do they actually do that?

OK - I measured it today. On hook voltage is -48VDC. When the line is
rung, The peak level swings from +100V to -200V. So it is symmetrical
about the -48V. WHat I also saw was that between the ringing periods,
the DC jumps to -75V. Must be something fairly new as never saw that in
any specs when I worked at W.E. So anyway, if one were building protectors
for the line, you'd want them to clamp at something above 300V.

Bob Roehrig
Aurora University   Telecom dept.
broehrig@aurora.edu   73 de K9EUI
630-844-4898   fax 630-844-4222
"Nostalgia is a thing of the past"

From: "Rodger Singley" <rbsingl@ilstu.edu>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Peoria Hamfest report
Date: Mon, 20 Sep 2004 19:28:34 -0500
Message-ID: <000001c49f71$edff0310$e201640a@D1JXNQ31>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="us-ascii"
Content-Transfer-Encoding: 7bit

This was another pretty good year at the Peoria IL hamfest. The weather was excellent and quite a few boatanchors in various conditions and price were present. I picked up a nice original Drake 4 line (R4, T4X, MS-4, and AC-3) for $200. I also found an SW-4A with the AL-4 loop, it came home with me at a very good price because a previous owner either really liked the radio or lived in an extremely high crime area because he engraved his first name and what looks like a car license tag# in 2 places on the front panel and also on the case. The really sad thing is that it works quite well and the front panel is in beautiful shape where it wasn't "vandalized". Time for some airbrushing. For $40 I also picked up an NC-109 with matching speaker, needs electrical restoration but it looks fine. My SX-42 now has the matching R-42 speaker ($50 but still cheaper than e-lake). Unfortunately I still haven't found a case to fit my HT-19 (same size as the 101A, 42, 62 etc.) but I finally found some of the knobs I have been looking for-this is the first time I have been successful in finding the right knobs at a fest.

The most interesting hack job was a silver dial Hallicrafters Sky Buddy with the power transformer mounted on top of the case. It looks like the owner then sat on the receiver to contemplate further destruction as the top and case sides were bent from a heavy weight on top. I am sure it seemed like a good idea at the time... The seller brought it along mostly to give people a chuckle as they walked by.

73, Rodger WQ9E

From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "John MacAulay" <jmac6235@yahoo.com>
Subject: CX announcement
Date: Mon, 20 Sep 2004 19:22:27 -0600
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY4-DAV31aBwxL7fJ20001527f@hotmail.com>

Fall 2004 Classic Exchange "CX"

September 24-27

The CX is a no-pressure contest celebrating the older commercial and homebrew equipment that was the pride and joy of ham shacks many decades ago. The object is to encourage restoration, operation and enjoyment of this older "Classic" equipment. See the CX website for history, rogues gallery and recent contest newsletters: http://qsl.asti.com/CX.

The Fall CX will again be held concurrently with the AM International AM Discovery Weekend to encourage more participation in both events as well as addressing the desire for more CX operating time. The AM Discovery Weekend brings many classic AM transmitters on the air and raises the awareness of the presence and fun of AM. Details of scoring and awards are published in ELECTRIC RADIO magazine.

AM QSOs exchanging the usual CX data may be made for CX score throughout the weekend.

The traditional CX contest, including CW, SSB and AM will be on Sunday.

There will be CX recognition for high scores in AM, SSB and CW as well as overall.

You need not operate a Classic rig to participate in the CX. YOU MAY USE ANY RIG in the contest although new gear is a distinct scoring disadvantage. You can still work the "great ones" with modern equipment.

WHEN - WHERE - WHAT

The AM Discovery Weekend begins Friday evening September 24 and ends Sunday evening September 26, 2004.

The traditional CX will run from 1300 UTC September 26th to 0700 UTC September 27th

(9 AM Eastern Time on Sunday to 3 AM Eastern Time Monday)

CW: Send "CQ CX"

Phone: Call "CQ Classic Exchange"

SUGGESTED FREQUENCIES:

CW: 1.810 3.545 7.045 14.045 21.135 28.180 Mc.

AM: 1.890 3.880 7.290 14.286 21.420 29.000 Mc.

SSB: 3.870 7.280 14.270 21.370 28.490 Mc.

Exchange your name, RST, QTH (state US, province for Canada, country for DX),

receiver and transmitter type (homebrew: send final amp tube or transistor type), AMI number if available (AM only) and other interesting conversation.

The same station may be worked with different equipment combinations on each band and in each mode.

Non-participating stations may be worked for credit.
SCORING
Calculate your score for each mode (CW, AM, SSB) and total those scores for your overall CX score.

For each mode:
Multiply total number of QSO's (all bands) by the sum of
the number of different types of receivers plus the number of different transmitters you worked (transceivers count both as a transmitter and a receiver)
plus the number states/provinces/countries worked on each band.
Multiply that product by your CX multiplier, which is the total years old of all receivers and transmitters used in all modes. The same CX multiplier is used in computing the individual mode scores.
Each receiver or transmitter must be used in a minimum of three QSO's to be counted in the multiplier.
If the equipment is homebrew, count it as a minimum of 25 years old unless actual construction date or date of its construction article (in the case of a 'reproduction") is older.
Total QSO's all bands
times
RCVRs + XMTRs+ states/provinces/countries
times
CX Multiplier:
SCORE= QSO's x (RX +TX+QTH's) x CX Multiplier

Certificates and appropriate memorabilia are awarded every now and then for the highest score, the longest DX, exotic equipment, best excuses and other unusual achievements.
Send logs, comments, anecdotes, pictures, etc. to J.D. "Mac" Mac Aulay, WQ8U at
WQ8U
or by mail to:
WQ8U
6235 Wooden Shoe Lane
Centerville, OH 45459
The CX Newsletter and announcement of next CX will be posted on http://qsl.asti.com/CX.

From: BigAlTyson@aol.com
Message-ID: <9f.4d5a7325.2e80e02e@aol.com>
Date: Mon, 20 Sep 2004 21:38:54 EDT
Subject: Jones P-101 Connector
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Still looking for a Jones P-101 1/4" connector for a Harvey Wells TS 90 Transmitter.

It's not a Cinch-Jones Plug but a round RF coaxial connector (a single center conductor and the shell is ground) similar in design to the current PL 259 connector but with a smaller diameter screw on connector and with the center pin protruding beyond the shell a good 1/2" and the center conductor is stepped down having a larger barrel that steps down to the pin.

The connector was manufactured by the Howard P Jones Co in Chicago and I'm sure was long obsolete by the time Harvey Wells used it on the TS 90. It was also used on some WW2 Military radio Equipment and designated a PL 219.

If anyone has one I'd really appreciate it as I din't want to modify the radio by replacing the Female Jones Connector with an SO 239 except as a last resort.

I do have photos of the Female Jack on the TS 90if anyone thinks they may have the matching Plug.

Thanks,
Al Tyson
WB6HPF

PS: Stll looking for a Harvey Wells APS 90 Power Supply if anyone knows of one.

End of BOATANCHORS Digest 3707
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